

Recombinant Human YTHDC2 Protein, GST-tagged

Cat. No. YTHDC2-052H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal GST-tagged human YTHDC2 protein (1288-1421) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	1288-1421
Description	This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein binds to N6-methyladenosine, a common modified RNA nucleotide that is enriched in the stop codons and 3' UTRs of eukaryotic messenger RNAs. Binding of proteins to this modified nucleotide may regulate mRNA translation and stability. This gene may be associated with susceptibility to pancreatic cancer in human patients, and knockdown of this gene resulted in reduced proliferation in a human liver cancer cell line.
Molecular Mass	42.13 kDa
Purity	≥85% estimated by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.

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Storage Buffer 50 mM HEPES, pH 8.0, with 150 mM sodium chloride and 10% glycerol

GENE INFORMATION

Gene Name YTHDC2 YTH domain containing 2 [Homo sapiens (human)]

Official Symbol YTHDC2

Synonyms YTHDC2; YTH domain containing 2; CAHL; hYTHDC2; 3'-5' RNA helicase YTHDC2; CsA-associated helicase-like protein; probable ATP-dependent RNA helicase YTHDC2; EC 3.6.4.13

Gene ID 64848

mRNA Refseq NM_022828

Protein Refseq NP_073739

MIM 616530

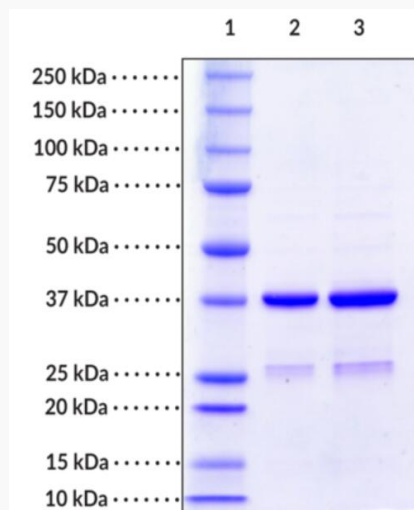
UniProt ID Q9H6S0

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**SDS-PAGE analysis
of YTHDC2**



Lane 1: MW Markers

Lane 2: YTHDC2 (2 µg)

Lane 3: YTHDC2 (4 µg)